

Appl. No.: 10/701,036

Amendment B

Responsive to a Final Office Action mailed September 15, 2005

**Amendment to the Specification:**

Please amend the fifth paragraph on page 5 of the specification, as follows:

Radiant energy emitted from emitter 32 is equally incident upon reflectors 38a, 38b after passing through the respective sensing chamber 30a or reference chamber 30b. On reflection off of the respective surfaces 38a, b, the radiant energy  $R_S$  and  $R_R$  passes through respective filter 36a, b and is incident upon respective sensor 34a, b which converts same to a corresponding electrical signal. Those signals are in turn coupled to control circuit 16.